



Index of Claims 	Application/Control No. 10729056	Applicant(s)/Patent Under Reexamination GRAINGER ET AL.
	Examiner Ramachandran, Umamaheswari	Art Unit 1617


✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant							<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
CLAIM		DATE										
Final	Original	03/15/2007	06/21/2007	12/04/2007	08/27/2008	10/16/2009						
	1	-	-	-	-	-						
	2	-	-	-	-	-						
	3	-	-	-	-	-						
	4	-	-	-	-	-						
	5	-	-	-	-	-						
	6	-	-	-	-	-						
	7	-	-	-	-	-						
	8	-	-	-	-	-						
	9	-	-	-	-	-						
	10	-	-	-	-	-						
	11	-	-	-	-	-						
	12	-	-	-	-	-						
	13	-	-	-	-	-						
	14	-	-	-	-	-						
	15	-	-	-	-	-						
	16	-	-	-	-	-						
	17	-	-	-	-	-						
	18	-	-	-	-	-						
	19	-	-	-	-	-						
	20	-	-	-	-	-						
	21	-	-	-	-	-						
	22	-	-	-	-	-						
	23	-	-	-	-	-						
	24	-	-	-	-	-						
	25	-	-	-	-	-						
	26	-	-	-	-	-						
	27	-	-	-	-	-						
	28	-	-	-	-	-						
	29	-	-	-	-	-						
	30	-	-	-	-	-						
	31	-	-	-	-	-						
	32	-	-	-	-	-						
	33	-	-	-	-	-						
	34	-	-	-	-	-						
	35	-	-	-	-	-						
	36	-	-	-	-	-						

Index of Claims 	Application/Control No. 10729056	Applicant(s)/Patent Under Reexamination GRAINGER ET AL.
	Examiner Ramachandran, Umamaheswari	Art Unit 1617


✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant							<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
CLAIM		DATE										
Final	Original	03/15/2007	06/21/2007	12/04/2007	08/27/2008	10/16/2009						
	37	-	-	-	-	-						
	38	-	-	-	-	-						
	39	-	-	-	-	-						
	40	-	-	-	-	-						
	41	-	-	-	-	-						
	42	-	-	-	-	-						
	43	-	-	-	-	-						
	44	-	-	-	-	-						
	45	-	-	-	-	-						
	46	-	-	-	-	-						
	47	-	-	-	-	-						
	48	-	-	-	-	-						
	49	-	-	-	-	-						
	50	-	-	-	-	-						
	51	-	-	-	-	-						
	52	-	-	-	-	-						
	53	-	-	-	-	-						
	54	-	-	-	-	-						
	55	-	-	-	-	-						
	56	-	-	-	-	-						
	57	-	-	-	-	-						
	58	-	-	-	-	-						
	59	-	-	-	-	-						
	60	-	-	-	-	-						
	61	-	-	-	-	-						
	62	-	-	-	-	-						
	63	-	-	-	-	-						
	64	-	-	-	-	-						
	65	-	-	-	-	-						
	66	-	-	-	-	-						
	67	-	-	-	-	-						
	68	-	-	-	-	-						
	69	-	-	-	-	-						
	70	-	-	-	-	-						
	71	-	-	-	-	-						
	72	-	-	-	-	-						

Index of Claims 	Application/Control No. 10729056	Applicant(s)/Patent Under Reexamination GRAINGER ET AL.
	Examiner Ramachandran, Umamaheswari	Art Unit 1617


✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant							<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
CLAIM		DATE										
Final	Original	03/15/2007	06/21/2007	12/04/2007	08/27/2008	10/16/2009						
	73	-	-	-	-	-						
	74	-	-	-	-	-						
	75	-	-	-	-	-						
	76	-	-	-	-	-						
	77	-	-	-	-	-						
	78	-	-	-	-	-						
	79	-	-	-	-	-						
	80	-	-	-	-	-						
	81	-	-	-	-	-						
	82	-	-	-	-	-						
	83	-	-	-	-	-						
	84	-	-	-	-	-						
	85	-	-	-	-	-						
	86	-	-	-	-	-						
	87	-	-	-	-	-						
	88	-	-	-	-	-						
	89	-	-	-	-	-						
	90	-	-	-	-	-						
	91	-	-	-	-	-						
	92	-	-	-	-	-						
	93	-	-	-	-	-						
	94	-	-	-	-	-						
	95	-	-	-	-	-						
	96	-	-	-	-	-						
	97	-	-	-	-	-						
	98	-	-	-	-	-						
	99	-	-	-	-	-						
	100	-	-	-	-	-						
	101	-	-	-	-	-						
	102	-	-	-	-	-						
	103	-	-	-	-	-						
	104	-	-	-	-	-						
	105	-	-	-	-	-						
	106	-	-	-	-	-						
	107	-	-	-	-	-						
	108	-	-	-	-	-						

Index of Claims 	Application/Control No. 10729056	Applicant(s)/Patent Under Reexamination GRAINGER ET AL.
	Examiner Ramachandran, Umamaheswari	Art Unit 1617


✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant						<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
CLAIM		DATE									
Final	Original	03/15/2007	06/21/2007	12/04/2007	08/27/2008	10/16/2009					
	109	-	-	-	-	-					
	110	-	-	-	-	-					
	111	-	-	-	-	-					
	112	-	-	-	-	-					
	113	-	-	-	-	-					
	114	-	-	-	-	-					
	115	-	-	-	-	-					
	116	-	-	-	-	-					
	117	-	-	-	-	-					
	118	-	-	-	-	-					
	119	-	-	-	-	-					
	120	-	-	-	-	-					
	121	-	-	-	-	-					
	122	-	-	-	-	-					
	123	-	-	-	-	-					
	124	-	-	-	-	-					
	125	-	-	-	-	-					
	126	-	-	-	-	-					
	127	-	-	-	-	-					
	128	-	-	-	-	-					
	129	-	-	-	-	-					
	130	-	-	-	-	-					
	131	-	-	-	-	-					
	132	-	-	-	-	-					
	133	-	-	-	-	-					
	134	-	-	-	-	-					
	135	-	-	-	-	-					
	136	-	-	-	-	-					
	137	-	-	-	-	-					
	138	-	-	-	-	-					
	139	-	-	-	-	-					
	140	-	-	-	-	-					
	141	-	-	-	-	-					
	142	-	-	-	-	-					
	143	-	-	-	-	-					
	144	-	-	-	-	-					

Index of Claims 	Application/Control No. 10729056	Applicant(s)/Patent Under Reexamination GRAINGER ET AL.
	Examiner Ramachandran, Umamaheswari	Art Unit 1617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant							<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
CLAIM		DATE										
Final	Original	03/15/2007	06/21/2007	12/04/2007	08/27/2008	10/16/2009						
	145	-	-	-	-	-						
	146	-	-	-	-	-						
	147	-	-	-	-	-						
	148	-	-	-	-	-						
	149	-	-	-	-	-						
	150	-	-	-	-	-						
	151	-	-	-	-	-						
	152	-	-	-	-	-						
	153	+	✓	✓	✓	✓						
	154	+	✓	✓	✓	✓						
	155	+	✓	✓	-	-						
	156	+	✓	✓	-	-						
	157	+	✓	✓	✓	✓						
	158	+	✓	✓	✓	✓						
	159	+	✓	✓	✓	✓						
	160	+	✓	✓	✓	✓						
	161	+	✓	✓	✓	✓						
	162	+	✓	✓	✓	✓						
	163	+	✓	✓	✓	✓						
	164	+	✓	✓	✓	✓						
	165	+	✓	✓	✓	✓						
	166	+	✓	✓	-	-						
	167	+	✓	✓	-	-						
	168	+	✓	✓	-	-						
	169	+	✓	✓	✓	-						
	170	+	✓	✓	✓	-						
	171	÷	✓	✓	✓	-						
	172	÷	✓	✓	✓	-						
	173	÷	✓	✓	✓	-						
	174				✓	✓						
	175				✓	✓						
	176				✓	✓						
	177					-						
	178					-						
	179					-						
	180					✓						

<i>Index of Claims</i> 	Application/Control No. 10729056	Applicant(s)/Patent Under Reexamination GRAINGER ET AL.
	Examiner Ramachandran, Umamaheswari	Art Unit 1617

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant						<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
CLAIM		DATE									
Final	Original	03/15/2007	06/21/2007	12/04/2007	08/27/2008	10/16/2009					
	181					✓					
	182					✓					
	183					✓					
	184					✓					